

0360
1602

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/055,877

DATE: 02/12/2003

TIME: 08:30:15

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Output Set: N:\CRF4\02112003\J055877.raw

3 <110> APPLICANT: DeCristofaro, Marc
 4 Padigaru, Muralidhara
 5 Miller, Charles
 6 Tchernev, Velizar
 7 Zhong, Mei
 8 Anderson, David
 9 Ballinger, Robert
 10 Gerlach, Valerie
 11 Spytek, Kimberly
 12 Ratelli, Luca
 13 Kekuda, Ramesh
 14 Guo, Xiaojia
 15 Zerhusen, Bryan
 16 Andrew, David
 17 Mezes, Peter
 18 Patturajan, Meera
 19 Burgess, Catherine
 20 Eisen, Andrew
 21 Wolenc, Adam
 22 Baumgartner, Jason
 23 Shimkets, Richard
 24 Gusev, Vladimir
 25 Vernet, Corine
 26 Taupier Jr., Raymond
 27 Pena, Carol
 28 Shenoy, Suresh
 29 Li, Li
 30 Casman, Stacie
 31 Boldog, Ference
 33 <120> TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
 35 <130> FILE REFERENCE: 21402-251
 37 <140> CURRENT APPLICATION NUMBER: 10/055877
 38 <141> CURRENT FILING DATE: 2002-01-22
 40 <150> PRIOR APPLICATION NUMBER: 60/262,892
 41 <151> PRIOR FILING DATE: 2001-01-19
 43 <150> PRIOR APPLICATION NUMBER: 60/263,598
 44 <151> PRIOR FILING DATE: 2001-01-23
 46 <150> PRIOR APPLICATION NUMBER: 60/263,799
 47 <151> PRIOR FILING DATE: 2001-01-24
 49 <150> PRIOR APPLICATION NUMBER: 60/264,117
 50 <151> PRIOR FILING DATE: 2001-01-25
 52 <150> PRIOR APPLICATION NUMBER: 60/264,139
 53 <151> PRIOR FILING DATE: 2001-01-25

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59 <151> PRIOR FILING DATE: 2001-01-30
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95 <151> PRIOR FILING DATE: 2001-06-08
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102 <211> LENGTH: 796
103 <212> TYPE: DNA
104 <213> ORGANISM: Homo sapiens
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108 <222> LOCATION: (1)..(774)
109 <223> OTHER INFORMATION: no start codon
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113 Ser Lys Gly Phe Pro Ile Ile Leu Ala Gly Arg Pro Pro Leu Gly Phe
114   1             5             10             15
116 cca act tct gac ccc act gaa gtg ttt atc ctc ttc tct aac ccc agc      96
117 Pro Thr Ser Asp Pro Thr Glu Val Phe Ile Leu Phe Ser Asn Pro Ser
118             20             25             30
120 ctc ctt ttc cct gtc tcc atg tgc tct gag aga tgc tct gag aga tgc      144
121 Leu Leu Phe Pro Val Ser Met Cys Ser Glu Arg Cys Ser Glu Arg Cys
122             35             40             45
124 tcc cac tcc ccc agg ctc cct ctg cat ccc cct cat ttt ctt cct ccc      192

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125 Ser His Ser Pro Arg Leu Pro Leu His Pro Pro His Phe Leu Pro Pro
126      50      55      60
128 cag tgt gtc aat gga gtc ctg gcc ccc acc ctc tcg aca ttg tca cct 240
129 Gln Cys Val Asn Gly Val Leu Ala Pro Thr Leu Ser Thr Leu Ser Pro
130 65      70      75      80
132 ttt cct gat cca aag tgg gac ctt ctt ttc ccc caa gtg gtc ctg tct 288
133 Phe Pro Asp Pro Lys Trp Asp Leu Leu Phe Pro Gln Val Val Leu Ser
134      85      90      95
136 agg ggt gcc gct gcc ggg ccc cct ctg gtc ttc ctg ctg cag act ggg 336
137 Arg Gly Ala Ala Ala Gly Pro Pro Leu Val Phe Leu Leu Gln Thr Gly
138      100      105      110
140 gcc ttt tgg gag tca gca ggc gcc cgg gcc aac cgc agc cag cgt gag 384
141 Ala Phe Trp Glu Ser Ala Gly Ala Arg Ala Asn Arg Ser Gln Arg Glu
142      115      120      125
144 gcg agc gat gct tca ccg gcg agt cat cag ggt gag ctg gcc gtg tgc 432
145 Ala Ser Asp Ala Ser Pro Ala Ser His Gln Gly Glu Leu Ala Val Cys
146      130      135      140
148 gat gca gtc agt gtc tgg gtg aca gat ccc ggg act gct gtg gac ttg 480
149 Asp Ala Val Ser Val Trp Val Thr Asp Pro Gly Thr Ala Val Asp Leu
150 145      150      155      160
152 gtt gtg ctc gag gtg gag gtg ttg ggc gag gtg cct gca gct gtc ggc 528
153 Val Val Leu Glu Val Glu Val Leu Gly Glu Val Pro Ala Ala Val Gly
154      165      170      175
156 agt tcc ctc cac caa cac ttc ttt gtt gcc cac ttc gag gcc gat aac 576
157 Ser Ser Leu His Gln His Phe Phe Val Ala His Phe Glu Ala Asp Asn
158      180      185      190
160 tct gag gaa ggt ggc ccg ggg gta ggt gga ggg gct gcc gcc ggg gtg 624
161 Ser Glu Glu Gly Gly Pro Gly Val Gly Gly Gly Ala Ala Ala Gly Val
162      195      200      205
164 tgg acc ggg ggg cac tgg gtg tct gag tgc aag gcc aag cag tcc tat 672
165 Trp Thr Gly Gly His Trp Val Ser Glu Cys Lys Ala Lys Gln Ser Tyr
166      210      215      220
168 gtg cgg gca ttg acc gct gat gcc cag ggc cgt gtg gac tgg cga tgg 720
169 Val Arg Ala Leu Thr Ala Asp Ala Gln Gly Arg Val Asp Trp Arg Trp
170 225      230      235      240
172 att caa att ggc act gcc tgt gtc tgc aca ctc ctc agc cgg act ggc 768
173 Ile Gln Ile Gly Thr Ala Cys Val Cys Thr Leu Leu Ser Arg Thr Gly
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177 Arg Ala
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182 <212> TYPE: PRT
183 <213> ORGANISM: Homo sapiens
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189 Pro Thr Ser Asp Pro Thr Glu Val Phe Ile Leu Phe Ser Asn Pro Ser
190      20      25      30

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192 Leu Leu Phe Pro Val Ser Met Cys Ser Glu Arg Cys Ser Glu Arg Cys
193          35          40          45
195 Ser His Ser Pro Arg Leu Pro Leu His Pro Pro His Phe Leu Pro Pro
196          50          55          60
198 Gln Cys Val Asn Gly Val Leu Ala Pro Thr Leu Ser Thr Leu Ser Pro
199 65          70          75          80
201 Phe Pro Asp Pro Lys Trp Asp Leu Leu Phe Pro Gln Val Val Leu Ser
202          85          90          95
204 Arg Gly Ala Ala Ala Gly Pro Pro Leu Val Phe Leu Leu Gln Thr Gly
205          100          105          110
207 Ala Phe Trp Glu Ser Ala Gly Ala Arg Ala Asn Arg Ser Gln Arg Glu
208          115          120          125
210 Ala Ser Asp Ala Ser Pro Ala Ser His Gln Gly Glu Leu Ala Val Cys
211          130          135          140
213 Asp Ala Val Ser Val Trp Val Thr Asp Pro Gly Thr Ala Val Asp Leu
214 145          150          155          160
216 Val Val Leu Glu Val Glu Val Leu Gly Glu Val Pro Ala Ala Val Gly
217          165          170          175
219 Ser Ser Leu His Gln His Phe Phe Val Ala His Phe Glu Ala Asp Asn
220          180          185          190
222 Ser Glu Glu Gly Gly Pro Gly Val Gly Gly Gly Ala Ala Gly Val
223          195          200          205
225 Trp Thr Gly Gly His Trp Val Ser Glu Cys Lys Ala Lys Gln Ser Tyr
226          210          215          220
228 Val Arg Ala Leu Thr Ala Asp Ala Gln Gly Arg Val Asp Trp Arg Trp
229 225          230          235          240
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232          245          250          255
234 Arg Ala
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240 <211> LENGTH: 1336
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242 <213> ORGANISM: Homo sapiens
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250 Met Arg Ile Val Cys Leu Val Lys Asn Gln Gln Pro Leu Gly Ala
251 1          5          10          15
253 acc atc aag cgc cac gag atg aca ggg gac atc ttg gtg gcc agg atc      95
254 Thr Ile Lys Arg His Glu Met Thr Gly Asp Ile Leu Val Ala Arg Ile
255          20          25          30
257 atc cac ggt ggg ctg gcg gag aga agt ggg ttg cta tat gct gga gac      143
258 Ile His Gly Gly Leu Ala Glu Arg Ser Gly Leu Leu Tyr Ala Gly Asp
259          35          40          45
261 aaa ctg gta gaa gtg aat gga gtt tca gtt gag gga ctg gac cct gaa      191
262 Lys Leu Val Glu Val Asn Gly Val Ser Val Glu Gly Leu Asp Pro Glu
263          50          55          60

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265 caa gtg atc cat att ctg gcc atg tct cga ggc aca atc atg ttc aag 239
266 Gln Val Ile His Ile Leu Ala Met Ser Arg Gly Thr Ile Met Phe Lys
267      65      70      75
269 gtg gtt cca gtc tct gac cct cct gtg aat agc cag cag atg gta aga 287
270 Val Val Pro Val Ser Asp Pro Pro Val Asn Ser Gln Gln Met Val Arg
271 80      85      90      95
273 att gtg tac gtc cgt gcc atg act gag tac tgg ccc cag gag gat ccc 335
274 Ile Val Tyr Val Arg Ala Met Thr Glu Tyr Trp Pro Gln Glu Asp Pro
275      100      105      110
277 gac atc ccc tgc atg gac gct gga ttg cct ttc cag aag ggg gac atc 383
278 Asp Ile Pro Cys Met Asp Ala Gly Leu Pro Phe Gln Lys Gly Asp Ile
279      115      120      125
281 ctc cag att gtg gac cag aat gat gcc ctc tgg tgg cag gcc cga aaa 431
282 Leu Gln Ile Val Asp Gln Asn Asp Ala Leu Trp Trp Gln Ala Arg Lys
283      130      135      140
285 atc tca gac cct gct acc tgc gct ggg ctt gtc cct tct aac cac ctt 479
286 Ile Ser Asp Pro Ala Thr Cys Ala Gly Leu Val Pro Ser Asn His Leu
287      145      150      155
289 ctg aag agg agg aag caa cgg gaa ttc tgg tgg tct cag ccg tac cag 527
290 Leu Lys Arg Arg Lys Gln Arg Glu Phe Trp Trp Ser Gln Pro Tyr Gln
291 160      165      170      175
293 cct cac acc tgc ctc aag tca acc cta caa ctg aag gag gag ttt gtt 575
294 Pro His Thr Cys Leu Lys Ser Thr Leu Gln Leu Lys Glu Glu Phe Val
295      180      185      190
297 ggc tac ggt cag aag ttc ttt ata ggt agg tct cac ctc agc ccg ctg 623
298 Gly Tyr Gly Gln Lys Phe Phe Ile Gly Arg Ser His Leu Ser Pro Leu
299      195      200      205
301 cat gcc agt gtg tgc tgc acc ggc agc tgc tac agt gca gtg ggt gcc 671
302 His Ala Ser Val Cys Cys Thr Gly Ser Cys Tyr Ser Ala Val Gly Ala
303      210      215      220
305 cct tac gag gag gtg gtg agg tac cag cga cgc cct tca gac aag tac 719
306 Pro Tyr Glu Glu Val Val Arg Tyr Gln Arg Arg Pro Ser Asp Lys Tyr
307      225      230      235
309 cgc ctc ata gtg ctc atg ggt atg tcc tta gga ccc tct ggt gtt gga 767
310 Arg Leu Ile Val Leu Met Gly Met Ser Leu Gly Pro Ser Gly Val Gly
311 240      245      250      255
313 gta aat gag ctc aga aga caa ctt att gaa ttt aat ccc agc cat ttt 815
314 Val Asn Glu Leu Arg Arg Gln Leu Ile Glu Phe Asn Pro Ser His Phe
315      260      265      270
317 caa agt gct gtg cca act act cgt act aaa aag agt tac gaa atg aat 863
318 Gln Ser Ala Val Pro Thr Thr Arg Thr Lys Lys Ser Tyr Glu Met Asn
319      275      280      285
321 ggg cgt gag tat cac tat gtg tcc aag gaa aca ttt gaa aac ctc ata 911
322 Gly Arg Glu Tyr His Tyr Val Ser Lys Glu Thr Phe Glu Asn Leu Ile
323      290      295      300
325 tat agt cac agg agg atg ctg gag tat ggt gag tac aaa ggc cac ctg 959
326 Tyr Ser His Arg Arg Met Leu Glu Tyr Gly Glu Tyr Lys Gly His Leu
327      305      310      315
329 tat ggc act agt gtg gat gct gtt caa aca gtc ctt gtc gaa gga aag 1007

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/055,877

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Input Set : D:\Cura551.app
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:43; N Pos. 6034,7262

Seq#:45; N Pos. 6016,7244

Seq#:51; N Pos. 6031,7259

Seq#:185; Xaa Pos. 205,211

VERIFICATION SUMMARY

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Input Set : D:\Cura551.app

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L:5523 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:6022
M:341 Repeated in SeqNo=43
L:6270 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:5964
M:341 Repeated in SeqNo=45
L:7801 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:6029
M:341 Repeated in SeqNo=51
L:23162 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:185 after pos.:192
M:341 Repeated in SeqNo=185